

Anti-EPS8L1 Antibody

Rabbit polyclonal antibody to EPS8L1

Catalog # AP60845

Product Information

Application	WB, IF/IC, IHC
Primary Accession	Q8TE68
Other Accession	Q8R5F8
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	80251

Additional Information

Gene ID	54869
Other Names	DRC3; EPS8R1; Epidermal growth factor receptor kinase substrate 8-like protein 1; EPS8-like protein 1; Epidermal growth factor receptor pathway substrate 8-related protein 1; EPS8-related protein 1
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human EPS8L1. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/2000), IHC (1/50 - 1/200), IF/IC (1/50 - 1/100) IF/IC~~N/A IHC~~WB (1/500 - 1/2000), IHC (1/50 - 1/200), IF/IC (1/50 - 1/100)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

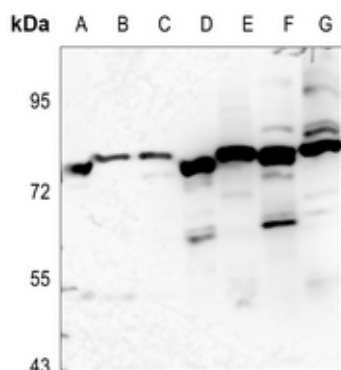
Protein Information

Name	EPS8L1
Synonyms	DRC3, EPS8R1
Function	Stimulates guanine exchange activity of SOS1. May play a role in membrane ruffling and remodeling of the actin cytoskeleton.
Cellular Location	Cytoplasm.
Tissue Location	Detected in placenta.

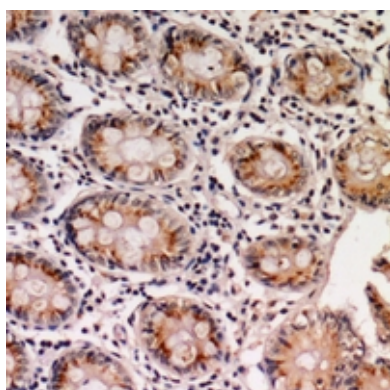
Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human EPS8L1. The exact sequence is proprietary.

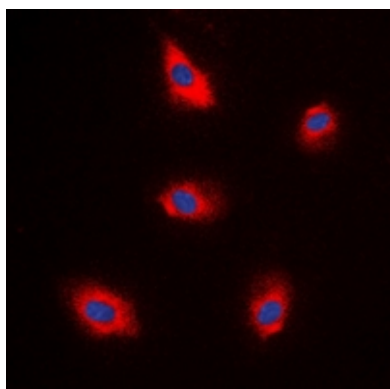
Images



Western blot analysis of EPS8L1 expression in HEK293T (A), H1688 (B), H446 (C), mouse kidney (D), mouse spleen (E), rat kidney (F), rat spleen (G) whole cell lysates.



Immunohistochemical analysis of EPS8L1 staining in human colon cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of EPS8L1 staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.